

## Product datasheet for **MG213859**

### Ccin (NM\_001002787) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccin (NM_001002787) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccin
Synonyms:	4933417A14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG213859 representing NM\_001002787  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAACTGGAATTCACAGAGAAAACTACAACAGCTTTGTGCTGCAAAACCTGAACAAACAGAGGAAGC  
 GTAAAGAGTACTGGGACATGGCCCTGACTGTGGACCATCATGTCTTCTCGCACATCGCAACGTGCTGGC  
 TGCCGTCTCTCCACTAGTGAAAAGCCTCATCTCCAGCAACGACATGAAGACCACCGATGAACTCTACATC  
 ACCATCGACCCAACTACCTGAGCCAGCCACGGTGGACCAGCTCCTGGATTACTTCTACAGCGGAAAG  
 TGGTGATCTCAGAGCAGAACGTGGAGGAGCTGCTCCGGGCGCACAGTATTTCAATACCCACGCTTCG  
 GATTCAGTCAATGACTTCCTTATTAAGTCTATTCGCCGCGTCAACTGCTTGGCTACCTCTTGGCT  
 GAGCTGTTGAGCTCAAAGAAGTATCAGACTTGGCCTACTCTGGCATTCTGACAACCTCCACTTCTGGG  
 CCAGTCCCAGGGCTCTATGCATTCATGCGCTGCCACCCGTCATCTTCGGTCCGCTGCTCCGGGATGA  
 AAACCTCCACGTGCTCAACGAGGACCAGGCGCTCAGCGCACTCATCAGTTGGGTGACTTCCGGAAGGAG  
 GAGCGGAAAAAATACTTCAAGAAGTTCTTCAATTACATCAATCTCAATGCGGTCTCCAACAAGACGCTGA  
 TTTTTGCCAGCAACAAGCTGGTTGGCTTGAGAACTCTGCCACGCGACCTTGATCGAAAGTGTCTT  
 GATGGACCGCAAGCAGGAGCGCCGTGCAGCCTGCTGAGCTACCAGCGGAAAGGGGCCCTGCTTGACTCG  
 GTGGTCATCCTGGGTGGCCAGAAGGCCACGGTAAAGTTCAACGATGGGGTGTTCCTATATCATCCAGG  
 AGAACCTGTGGCTGAAGCTCTCAGAGATGCCATACCGGGCAGCCGCGCTCAGTCCACTGCTGCTGGCCG  
 TTACATCTACATATCCGGTGGCACCCTGAGCAGATTTCAAGACTGAAGACAGCGTGGCGGTATGACATG  
 GCGGAACTCCTGGACCAAGCTACCTGACCTGCCATTGGGCTGTCTCCACACCATGGTGACCTGCG  
 GGGGAACAGTTTACTCAGTGGGTGGGAGCATTGCCCCACGCGGTACGTCTTAACATTTATCGCTATGA  
 TGAAACGCAAGGAAGCCTGGTGCTTGGCGGGAAGATGAGCATCCCTATGGACGGGACAGCAGTCATCACT  
 AAGGGTGACCGGAACCTGTACATTGTCACTGGCGGATGCCTGGTGAAGGGCTACATCTCCCGGGTGGTG  
 TAGTGGACTGCTTTGACACCTGCACGGGGAAAGTGGTCCAGTGTATCACCTTCCCATCGAATTAACCA  
 CCGGCCCTGCTCTCGTTCCATCAGGACAACATCCTTCGTGTACACAGCCACCGGAGAGCGTGGAAATC  
 AACTTACAGAAGATCAAGGCCAACAAAGTCGACAACCTCAGTACCTCTGTTGCCAACAGTTGTCCCTTGG  
 ATGTATCCCATGTATCTGCTCCATTGGAGACAGCAAGGTATTTGTATGTGGGGTGTACCACAGCCAG  
 CGATGTCCAGACCAAGGACTACACCATCAATCCTAATGCTTACTGCTGGACAAAAGATAGGTGAATGG  
 CAGACCCTTGCTGCCACCTGAGGCACTGGACTGTCTGCTGCTGTCTAGCCAAGCTGCCTTGAAGA  
 TTCTTCAAAGAATT

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG213859 representing NM\_001002787  
 Red=Cloning site Green=Tags(s)

MKLEFTEKNYNSFVLQNLNKQRKRKEYWDMALTVDDHVVFAHRNVLAASPLVKSLISSNDMKTDELYI  
 TIDPNYLSPATVDQLLDYFYSKVVISEQNVEELLRGAQYFNTPLRLIHCNDFLIKSIIRRVNCLRYLFLA  
 ELFELKEVSDLAYSGIRDNFHFASPEGSMHFMRCPPVIFGRLLRDNLHVLNEDQALSALISWVYFRKE  
 EREKYFKKFFNYINLNAVSNKTLMFASNKLVGLENNSAHATLIESVLMDRKQERPCSLLSYQRKGALLDS  
 VVILGGQKAHGKFNDFVYFAYIIQENLWLKLEMPYRAAALSATAAGRYIYISGGTTEQISGLKTAWRYDM  
 DDNSWTKLPDLPIGLVFHTMVTCCGTVYVGGSIAPRRYVSNYRYDERKEAWCLAGKMSIPMDGTAVIT  
 KGDRNLIVTGRCLVKGYISRVGVVDFDCTGEVVQCITFPIEFNHRPLL SFHQDNILRVHSHRQSVEI  
 NLQKIKANKSTTSVPLLPNSCPLDVSHAICSIGDSKVFVCGGVTTASDVQTKDYTINPNAYLLDQKIGEW  
 QTLACPEALDCPACCLAKLPCKILQRI

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI



<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001002787.2</a> , <a href="#">NP_001002787.1</a>
<b>RefSeq Size:</b>	2030 bp
<b>RefSeq ORF:</b>	1767 bp
<b>Locus ID:</b>	442829
<b>UniProt ID:</b>	<a href="#">Q8CDE2</a>
<b>Cytogenetics:</b>	4 B1
<b>Gene Summary:</b>	Possible morphogenetic cytoskeletal element in spermiogenic differentiation. [UniProtKB/Swiss-Prot Function]